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## What is claimed is:

1. A voice-operated arrangement for interacting with a dual-tone multifrequency
(DTMF)-controlled system, the arrangement comprising

- a speech recognition unit responsive to voice commands from a user and generating a digital signal representative of a particular received voice command;
- a speech-to-DTMF tones application, responsive to the digital signal outputs from the speech recognition unit for accessing a proper user record from a plurality of user records, retrieving dial-out information for the accessed user's DTMF-controlled system and completing a communication path between the user and said DTMF-controlled system, wherein said voice-operated arrangement monitors the communication path and retrieves predetermined voice commands uttered by the user and translates said predetermined voice prompts into DTMF tones which are thereafter transmitted to said DTMF-controlled system.
- 2. The arrangement as defined in claim 1 wherein each user record includes a spoken voice identification field.
- 3. The arrangement as defined in claim 2 wherein each user record further includes a spoken voice password field.
- 1 4. The arrangement as defined in claim 1 wherein each user record comprises a plurality of different fields for each DTMF-controlled system associated with that user.
  - 5. The arrangement as defined in claim 4 wherein the plurality of different fields for a DTMF-controlled system in a user record comprises a dial-out access number for the DTMF-controlled system and a mapping of a plurality of voice commands to an associated plurality of DTMF tone sequences.

h) repeating steps c) – f) for each additional DTMF-controlled system.

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